TOSHIBA

TOSHIBA

POWER MOSFETs

1Q, 1999

Alphanumerically

Toshiba Power MOSFET List

Alphanumerically

Part Number	V_{DSS} (V)	$R_{DS(ON)}$ (W)	I_D (A)	Package	Generation	Status	Toshiba Replacement	Note	Factory
2SJ147	*-60*	*0.2*	*-12*	*TO-220IS*	p *-MOSII*	*Non-Promotion*	2SJ304	A	*Himeji*
2SJ183	*-60*	*0.35*	*-5*	*POWER MOLD*	*L^2-p-MOSIII*	*Non-Promotion*	2SJ377	A	*Himeji*
2SJ200	-180	0.83	-10	TO-3P(N)	π-MOSII	M/P			Himeji
2SJ201	-200	0.63	-12	TO-3P(L)	π-MOSII	M/P			Himeji
2SJ224	*-60*	*0.2*	*-12*	*TO-220FL/SM*	p *-MOSII*	*Discontinue*	2SJ312	A	*Toscom*
2SJ238	*-60*	*0.85*	*-1*	*POWER-MINI*	*L^2-p-MOSIV*	*Non-Promotion*	2SJ360	A	*Kaga*
2SJ239	*-60*	*0.25*	*-5*	*POWER MOLD*	*L^2-p-MOSIV*	*Non-Promotion*	2SJ377	A	*Himeji*
2SJ240	*-60*	*0.045*	*-20*	*TO-220IS*	*L^2-p-MOSIV*	*Non-Promotion*	2SJ349	A	*Himeji*
2SJ241	*-60*	*0.045*	*-20*	*TO-220FL/SM*	*L^2-p-MOSIV*	*Non-Promotion*	2SJ401	A	*Toscom*
2SJ304	-60	0.12	-14	TO-220IS	L^2-π-MOSIV	M/P			Himeji
2SJ312	-60	0.12	-14	TO-220FL/SM	L^2-π-MOSIV	M/P			Toscom
2SJ313	-180	5	-1	TO-220IS	π-MOSII	M/P			Himeji
2SJ315	*-60*	*0.25*	*-5*	*POWER MOLD*	*L^2-p-MOSIV*	*Non-Promotion*	2SJ377	A	*Himeji*
2SJ334	**-60**	**0.038**	**-30**	**TO-220IS**	**L^2-p-MOSV**	**OK**			**Himeji**
2SJ338	-180	5	-1	POWER MOLD	π-MOSII	M/P			Himeji
2SJ349	**-60**	**0.045**	**-20**	**TO-220IS**	**L^2-p-MOSV**	**OK**			**Himeji**
2SJ359	*-60*	*0.25*	*-5*	*TPS*	*L^2-p-MOSIV*	*Non-Promotion*	2SJ378	A	*Himeji*
2SJ360	**-60**	**0.73**	**-1**	**POWER-MINI**	**L^2-p-MOSV**	**OK**			**Kaga**
2SJ377	**-60**	**0.19**	**-5**	**POWER MOLD**	**L^2-p-MOSV**	**OK**			**Himeji**
2SJ378	**-60**	**0.19**	**-5**	**TPS**	**L^2-p-MOSV**	**OK**			**Himeji**
2SJ380	**-100**	**0.21**	**-12**	**TO-220IS**	**L^2-p-MOSV**	**OK**			**Himeji**
2SJ401	**-60**	**0.045**	**-20**	**TO-220FL/SM**	**L^2-p-MOSV**	**OK**			**Toscom**
2SJ402	**-60**	**0.038**	**-30**	**TO-220FL/SM**	**L^2-p-MOSV**	**OK**			**Toscom**
2SJ407	**-200**	**1**	**-6**	**TO-220IS**	**p-MOSV**	**OK**			**Himeji**
2SJ412	**-100**	**0.21**	**-16**	**TO-220FL/SM**	**L^2-p-MOSV**	**OK**			**Toscom**
2SJ438	**-60**	**0.19**	**-5**	**TO-220IS**	**L^2-p-MOSV**	**OK**			**Himeji**
2SJ439	**-16**	**0.2**	**-5**	**POWER MOLD**	**L^2-p-MOSV**	**OK**			**Himeji**
2SJ440	-180	0.83	-10	TO-3P(N)IS	π-MOSII	M/P			Himeji
2SJ464	**-100**	**0.09**	**-18**	**TO-220IS**	**L^2-p-MOSV**	**OK**			**Himeji**
2SJ465	**-16**	**0.71**	**-2**	**POWER-MINI**	**L^2-p-MOSV**	**OK**			**Kaga**
2SJ482	**-60**	**0.19**	**-5**	**SP**	**L^2-p-MOSV**	**2Q/99**			**Himeji**
2SJ507	**-60**	**0.7**	**-1**	**TO-92MOD**	**L^2-p-MOSV**	**OK**			**Kaga**
2SJ508	**-100**	**1.9**	**-1**	**POWER-MINI**	**L^2-p-MOSV**	**OK**			**Kaga**
2SJ509	**-100**	**1.9**	**-1**	**TO-92MOD**	**L^2-p-MOSV**	**OK**			**Kaga**
2SJ511	**-30**	**0.45**	**-2**	**POWER-MINI**	**L^2-p-MOSV**	**OK**			**Kaga**
2SJ512	**-250**	**1.25**	**-5**	**TO-220IS**	**p-MOSV**	**OK**			**Himeji**
2SJ513	**-200**	**0.5**	**-9.5**	**TO-220IS**	**p-MOSV**	**2Q/99**			**Himeji**
2SJ514	**-250**	**0.625**	**-7.5**	**TO-220IS**	**p-MOSV**	**2Q/99**			**Himeji**
2SJ515	**-200**	**0.64**	**-7**	**TO-220IS**	**p-MOSV**	**2Q/99**			**Himeji**
2SJ516	**-250**	**0.8**	**-6.5**	**TO-220IS**	**p-MOSV**	**1Q/99**			**Himeji**
2SJ525	**-30**	**0.12**	**-5**	**TPS**	**L^2-p-MOSV**	**OK**			**Himeji**
2SJ537	**-50**	**0.19**	**-5**	**LSTM**	**L^2-p-MOSV**	**1Q/99**			**Kaga**
2SJ567	**-200**	**0.8**	**-5**	**POWER MOLD**	**p-MOSV**	**1Q/99**			**Himeji**
2SJ568	**-200**	**0.8**	**-5**	**TO-220FL/SM**	**p-MOSV**	**2Q/99**			**Toscom**
2SK357	*150*	*0.9*	*5*	*TO-220AB*	p *-MOS*	*Non-Promotion*	2SK2381	B	*Toscom*
2SK358	*250*	*1*	*5*	*TO-220AB*	p *-MOS*	*Non-Promotion*	2SK2417	B	*Toscom*
2SK385	*400*	*0.6*	*10*	*TO-3P(L)*	p *-MOS*	*Non-Promotion*	2SK2698	B	*Himeji*
2SK386	*450*	*0.7*	*10*	*TO-3P(L)*	p *-MOS*	*Non-Promotion*	2SK2698	B	*Himeji*
2SK387	*150*	*0.18*	*12*	*TO-3P(L)*	p *-MOS*	*Non-Promotion*	2SK2882	B	*Himeji*

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Part Number	V_{DSS} (V)	$R_{DS(ON)}$ (W)	I_D (A)	Package	Generation	Status	Toshiba Replacement	Note	Factory
2SK388	250	0.25	12	TO-3P(L)	p -MOS	Non-Promotion	2SK2598	B	Himeji
2SK422	60	2.8	0.7	TO-92MOD	p -MOS	Non-Promotion	2SK940	A	Kaga
2SK447	250	0.24	15	TO-3P(L)	p -MOS	Non-Promotion	2SK2508	B	Himeji
2SK525	150	0.28	10	TO-220IS	p -MOS	Non-Promotion	2SK2382	A	Himeji
2SK526	250	0.6	10	TO-220IS	p -MOS	Non-Promotion	2SK2417	A	Himeji
2SK528	400	2.2	2	TO-220IS	p -MOS	Non-Promotion	2SK2662	A	Himeji
2SK529	450	2.6	2	TO-220IS	p -MOS	Non-Promotion	2SK2662	A	Himeji
2SK530	400	1.4	5	TO-220IS	p -MOS	Non-Promotion	2SK2662	A	Himeji
2SK531	450	1.6	5	TO-220IS	p -MOS	Non-Promotion	2SK2662	A	Himeji
2SK532	60	0.085	12	TO-220IS	p -MOS	Non-Promotion	2SK2232	A	Himeji
2SK537	900	9	1	TO-220AB	p -MOS	Non-Promotion	2SK2733	A	Toscom
2SK538	900	4.5	3	TO-3P(N)	p -MOS	Non-Promotion	2SK2719	A	Himeji
2SK539	900	2.5	5	TO-3P(L)	p -MOS	Non-Promotion	2SK2610	B	Himeji
2SK572	150	0.18	15	TO-3P(N)	p -MOS	Discontinue	2SK2882	B	Himeji
2SK573	250	0.32	15	TO-3P(N)	p -MOS	Discontinue	2SK2508	B	Himeji
2SK578	150	0.22	15	TO-3P(L)	p -MOS	Non-Promotion	2SK2382	B	Himeji
2SK643	450	0.85	10	TO-3P(N)	p -MOSII	Non-Promotion	2SK2601	A	Himeji
2SK644	500	1	10	TO-3P(N)	p -MOSII	Non-Promotion	2SK2601	A	Himeji
2SK672	60	0.2	10	TO-220AB	p -MOSII	Discontinue	2SK2232	B	Toscom
2SK673	60	0.11	15	TO-220AB	p -MOSII	Discontinue	2SK2232	B	Toscom
2SK674	60	0.06	25	TO-220AB	p -MOSII	Non-Promotion	2SK2232	A	Toscom
2SK678	500	0.4	13	TO-3P(L)	p -MOSII	Discontinue	2SK2698	B	Himeji
2SK693	450	0.4	13	TO-3P(L)	p -MOSII	Discontinue	2SK2698	B	Himeji
2SK694	500	0.5	12	TO-3P(L)	p -MOSII	Discontinue	2SK2698	B	Himeji
2SK788	500	0.5	13	TO-3P(N)	p -MOSII	Non-Promotion	2SK2698	A	Himeji
2SK789	450	0.4	15	TO-3P(N)	p -MOSII	Non-Promotion	2SK2698	A	Himeji
2SK790	500	0.4	15	TO-3P(N)	p -MOSII	Non-Promotion	2SK2698	A	Himeji
2SK791	850	4.5	3	TO-220AB	p -MOS	Non-Promotion	2SK2608	A	Toscom
2SK792	900	4.5	3	TO-220AB	p -MOS	Non-Promotion	2SK2608	A	Toscom
2SK793	850	2.5	5	TO-3P(N)	p -MOS	Non-Promotion	2SK2604	A	Himeji
2SK794	900	2.5	5	TO-3P(N)	p -MOS	Non-Promotion	2SK2610	A	Himeji
2SK849	60	0.038	40	TO-3P(N)	p -MOSII	Non-Promotion	2SK2233	A	Himeji
2SK850	100	0.06	40	TO-3P(N)	p -MOSII	Non-Promotion	2SK2466	B	Himeji
2SK851	200	0.085	30	TO-3P(N)	p -MOSII	Non-Promotion	2SK2967	A	Himeji
2SK856	60	0.03	45	TO-220AB	p -MOSIII	Non-Promotion	2SK2385	B	Toscom
2SK858	600	4	2	TO-220AB	p -MOSII	Non-Promotion	2SK2750	B	Toscom
2SK888	100	0.18	15	TO-220AB	p -MOSII	Non-Promotion	2SK2314	A	Toscom
2SK889	100	0.085	27	TO-220AB	p -MOSII	Non-Promotion	2SK2314	A	Toscom
2SK890	200	0.4	10	TO-220AB	p -MOSII	Non-Promotion	2SK2350	B	Toscom
2SK891	200	0.18	20	TO-220AB	p -MOSII	Discontinue	2SK2382	B	Toscom
2SK892	500	3	2.5	TO-220AB	p -MOSII	Discontinue	2SK2661	A	Toscom
2SK893	500	1.5	5	TO-220AB	p -MOSII	Non-Promotion	2SK2661	A	Toscom
2SK894	500	0.85	8	TO-220AB	p -MOSII	Non-Promotion	2SK2542	A	Toscom
2SK895	450	0.6	12	TO-3P(N)	p -MOSII	Non-Promotion	2SK2601	A	Himeji
2SK896	500	0.5	12	TO-3P(N)	p -MOSII	Non-Promotion	2SK2601	A	Himeji
2SK940	60	0.55	0.8	TO-92MOD	L^2 - p -MOSIII	Non-Promotion	2SK2961	A	Kaga
2SK941	100	1.3	0.6	TO-92MOD	L^2 - p -MOSIII	Non-Promotion	2SK2962	A	Kaga
2SK942	60	0.046	25	TO-220AB	L^2 - p -MOSIII	Non-Promotion	2SK2232	B	Toscom
2SK943	60	0.046	25	TO-220IS	L^2 - p -MOSIII	Non-Promotion	2SK2232	A	Himeji

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Part Number	V_{DSS} (V)	$R_{DS(ON)}$ (Ω)	I_D (A)	Package	Generation	Status	Toshiba Replacement	Note	Factory
2SK944	*250*	*0.15*	*22*	*TO-3P(N)*	*p-MOSII*	*Non-Promotion*	2SK2967	A	*Himeji*
2SK945	*400*	*5*	*1*	*POWER MOLD*	*p-MOSII*	*Non-Promotion*	2SK2599	B	*Himeji*
2SK1029	*500*	*0.5*	*10*	*TO-3P(L)*	*p-MOSII*	*Discontinue*	2SK2698	B	*Himeji*
2SK1078	*60*	*0.55*	*0.8*	*POWER-MINI*	*L^2-p-MOSIII*	*Non-Promotion*	2SK2615	A	*Kaga*
2SK1079	*100*	*1.3*	*0.6*	*POWER-MINI*	*L^2-p-MOSIII*	*Non-Promotion*	2SK2963	A	*Kaga*
2SK1112	*60*	*0.16*	*5*	*POWER MOLD*	*L^2-p-MOSIII*	*Non-Promotion*	2SK2231	A	*Himeji*
2SK1113	*120*	*0.42*	*3*	*POWER MOLD*	*L^2-p-MOSIII*	*Non-Promotion*	2SK2201	A	*Himeji*
2SK1114	*60*	*0.07*	*12*	*TO-220AB*	*L^2-p-MOSIII*	*Discontinue*	2SK2232	B	*Toscom*
2SK1115	*60*	*0.055*	*20*	*TO-220AB*	*L^2-p-MOSIII*	*Discontinue*	2SK2232	B	*Toscom*
2SK1116	*100*	*0.058*	*25*	*TO-220AB*	*L^2-p-MOSIII*	*Discontinue*	2SK2314	A	*Toscom*
2SK1117	*600*	*1.25*	*6*	*TO-220AB*	*p-MOSII*	*Non-Promotion*	2SK2544	A	*Toscom*
2SK1118	*600*	*1.25*	*6*	*TO-220IS*	*p-MOSII*	*Non-Promotion*	2SK2545	A	*Himeji/TST*
2SK1119	1000	3.8	4	TO-220AB	π-MOSII.5	M/P			Toscom
2SK1120	1000	1.8	8	TO-3P(N)	π-MOSII.5	M/P			Himeji
2SK1124	*60*	*0.03*	*45*	*TO-3P(N)*	*p-MOSIII*	*Discontinue*	2SK2233	A	*Himeji*
2SK1213	*600*	*1.25*	*6*	*TO-3P(N)*	*p-MOSII*	*Non-Promotion*	2SK2602	A	*Himeji/TST*
2SK1333	*500*	*0.4*	*15*	*TO-3P(L)*	*p-MOSII*	*Discontinue*	2SK2698	B	*Himeji*
2SK1344	*60*	*0.07*	*12*	*TO-220IS*	*L^2-p-MOSIII*	*Discontinue*	2SK2232	A	*Himeji*
2SK1345	*60*	*0.055*	*20*	*TO-220IS*	*L^2-p-MOSIII*	*Discontinue*	2SK2232	A	*Himeji*
2SK1346	*60*	*0.06*	*25*	*TO-220IS*	*p-MOSII*	*Discontinue*	2SK2232	A	*Himeji*
2SK1347	*100*	*0.085*	*20*	*TO-220AB*	*L^2-p-MOSIII*	*Discontinue*	2SK2314	A	*Toscom*
2SK1348	*100*	*0.085*	*20*	*TO-220IS*	*L^2-p-MOSIII*	*Non-Promotion*	2SK2391	A	*Himeji*
2SK1349	*100*	*0.058*	*25*	*TO-220IS*	*L^2-p-MOSIII*	*Non-Promotion*	2SK2391	A	*Himeji*
2SK1350	*200*	*0.18*	*15*	*TO-220IS*	*p-MOSII*	*Non-Promotion*	2SK2382	A	*Himeji*
2SK1351	*500*	*1.5*	*5*	*TO-220IS*	*p-MOSII*	*Non-Promotion*	2SK2662	A	*Himeji*
2SK1352	*500*	*0.85*	*7*	*TO-220IS*	*p-MOSII*	*Non-Promotion*	2SK2543	A	*Himeji*
2SK1356	*900*	*4.3*	*3*	*TO-220IS*	*p-MOSII*	*Non-Promotion*	2SK2700	A	*Himeji*
2SK1357	*900*	*2.8*	*5*	*TO-3P(N)*	*p-MOSII.5*	*Non-Promotion*	2SK2610	A	*Himeji*
2SK1358	*900*	*1.4*	*9*	*TO-3P(N)*	*p-MOSII.5*	*Non-Promotion*	2SK2611	A	*Himeji/TST*
2SK1359	1000	3.8	5	TO-3P(N)	π-MOSII.5	M/P			Himeji
2SK1362	*900*	*2.5*	*5*	*TO-3P(N)IS*	*p-MOS*	*Non-Promotion*	2SK2610	B	*Himeji*
2SK1363	*900*	*1.4*	*8*	*TO-3P(N)IS*	*p-MOSII.5*	*Non-Promotion*	2SK2847	A	*Himeji*
2SK1365	1000	1.8	7	TO-3P(N)IS	π-MOSII.5	M/P			Himeji
2SK1377	*400*	*1.2*	*5.5*	*TO-220IS*	*p-MOS*	*Non-Promotion*	2SK2679	A	*Himeji/TST*
2SK1378	*400*	*0.55*	*10*	*TO-220AB*	*p-MOS*	*Non-Promotion*	2SK2841	A	*Toscom*
2SK1379	*60*	*0.017*	*50*	*TO-3P(N)*	*L^2-p-MOSIII*	*Non-Promotion*	2SK2173	A	*Himeji*
2SK1380	*60*	*0.011*	*60*	*TO-3P(L)*	*L^2-p-MOSIII*	*Discontinue*	2SK2267	A	*Himeji*
2SK1381	100	0.032	50	TO-3P(N)	L^2-π-MOSIII	M/P			Himeji
2SK1382	100	0.02	60	TO-3P(L)	L^2-π-MOSIII	M/P			Himeji
2SK1486	300	0.095	32	TO-3P(L)	π-MOSIII.5	M/P			Himeji
2SK1487	*450*	*1*	*10*	*TO-3P(N)*	*p-MOSIII.5*	*Non-Promotion*	2SK2601	A	*Himeji*
2SK1488	*500*	*1*	*10*	*TO-3P(N)*	*p-MOSIII.5*	*Non-Promotion*	2SK2601	A	*Himeji*
2SK1489	1000	1	12	TO-3P(L)	π-MOSII.5	M/P			Himeji
2SK1513	*500*	*0.75*	*8*	*TO-3P(L)*	*p-MOSII*	*Discontinue*	2SK2601	B	*Himeji*
2SK1529	180	0.83	10	TO-3P(N)	π-MOSII	M/P			Himeji
2SK1530	200	0.63	12	TO-3P(L)	π-MOSII	M/P			Himeji
2SK1531	*500*	*0.45*	*15*	*TO-3P(N)*	*p-MOSIII.5*	*Non-Promotion*	2SK2698	A	*Himeji*
2SK1542	60	0.02	45	TO-220AB	L^2-π-MOSIV	M/P			Toscom
2SK1544	500	0.2	25	TO-3P(L)	π-MOSIII.5	M/P			Himeji

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2SK1574	*500*	*0.85*	*8*	*TO-220AB*	p -*MOSIII.5*	*Non-Promotion*	2SK2542	A	*Toscom*
2SK1600	*800*	*5*	*3*	*TO-220AB*	p -*MOSII.5*	*Non-Promotion*	2SK2603	A	*Toscom*
2SK1601	*900*	*6.4*	*3*	*TO-220AB*	p -*MOSII.5*	*Non-Promotion*	2SK2608	A	*Toscom*
2SK1602	*800*	*5*	*2.8*	*TO-220IS*	p -*MOSII.5*	*Non-Promotion*	2SK2603	B	*Himeji*
2SK1603	*900*	*6.4*	*2.5*	*TO-220IS*	p -*MOSII.5*	*Non-Promotion*	2SK2718	A	*Himeji/TST*
2SK1641	250	0.23	9	TO-3P(N)	π-MOSII	M/P			Himeji
2SK1642	*400*	*0.55*	*9*	*TO-220IS*	p -*MOSII*	*Non-Promotion*	2SK2841	B	*Himeji*
2SK1643	900	2.8	5	TO-220AB	π-MOSII.5	M/P			Toscom
2SK1649	*900*	*2.5*	*6*	*TO-3P(N)*	p -*MOS*	*Discontinue*	2SK2610	A	*Himeji*
2SK1650	*900*	*4.3*	*4*	*TO-3P(N)*	p -*MOSII*	*Discontinue*	2SK2719	A	*Himeji*
2SK1651	*500*	*1*	*8*	*TO-3P(N)IS*	p -*MOSIII.5*	*Non-Promotion*	2SK2600	A	*Himeji*
2SK1652	*500*	*0.45*	*13*	*TO-3P(N)IS*	p -*MOSIII.5*	*Non-Promotion*	2SK2698	B	*Himeji*
2SK1653	*60*	*0.02*	*45*	*TO-220IS*	L^2 - p -*MOSIV*	*Non-Promotion*	2SK2312	A	*Himeji*
2SK1692	*900*	*2*	*7*	*TO-3P(N)*	p -*MOSII.5*	*Non-Promotion*	2SK2749	A	*Himeji*
2SK1717	*60*	*0.37*	*2*	*POWER-MINI*	L^2 - p -*MOSIV*	*Non-Promotion*	2SK2615	A	*Kaga*
2SK1719	*60*	*0.11*	*5*	*POWER MOLD*	*L2*- p -*MOSIV*	*Non-Promotion*	2SK2231	A	*Himeji*
2SK1720	*60*	*0.03*	*45*	*TO-220FL/SM*	p -*MOSIII*	*Non-Promotion*	2SK2266	A	*Toscom*
2SK1721	*500*	*3*	*3*	*TO-220FL/SM*	p -*MOSII*	*Non-Promotion*	2SK2991	A	*Toscom*
2SK1722	*500*	*1.5*	*5*	*TO-220FL/SM*	p -*MOSII*	*Non-Promotion*	2SK2776	A	*Toscom*
2SK1723	*600*	*0.65*	*12*	*TO-3P(N)*	p -*MOSII*	*Non-Promotion*	2SK2699	A	*Himeji*
2SK1745	*500*	*0.36*	*18*	*TO-3P(N)*	p -*MOSIII.5*	*Non-Promotion*	2SK2837	A	*Himeji*
2SK1746	600	4	2	TO-220FL/SM	π-MOSII	M/P			Toscom
2SK1766	*250*	*0.6*	*10*	*TO-220IS*	p -*MOSIII.5*	*Non-Promotion*	2SK2417	A	*Himeji*
2SK1767	*600*	*2.5*	*3.5*	*TO-220IS*	p -*MOSIII.5*	*Non-Promotion*	2SK2750	A	*Himeji*
2SK1768	*60*	*0.07*	*12*	*NPM*	L^2 - p -*MOSIII*	*Non-Promotion*	2SK2614	B	*Himeji*
2SK1769	*600*	*4*	*2*	*NPM*	p -*MOSII*	*Non-Promotion*	2SK2599	B	*Himeji*
2SK1792	*60*	*0.02*	*45*	*TO-220FL/SM*	L^2 - p -*MOSIV*	*Non-Promotion*	2SK2376	A	*Toscom*
2SK1805	*500*	*0.85*	*7*	*TO-220IS*	p -*MOSIII.5*	*Non-Promotion*	2SK2543	A	*Himeji*
2SK1854	*400*	*1*	*6*	*TO-220IS*	p -*MOSIII.5*	*Non-Promotion*	2SK2679	A	*Himeji*
2SK1855	*500*	*0.65*	*12*	*TO-3P(N)*	p -*MOSIII.5*	*Non-Promotion*	2SK2698	A	*Himeji*
2SK1858	*800*	*5*	*3*	*TO-220FL/SM*	p -*MOSII.5*	*Non-Promotion*	2SK2883	A	*Toscom*
2SK1864	*500*	*0.85*	*8*	*TO-220FL/SM*	p -*MOSIII.5*	*Non-Promotion*	2SK2776	A	*Toscom*
2SK1865	*500*	*0.65*	*12*	*TO-220FL/SM*	p -*MOSIII.5*	*Non-Promotion*	2SK3068	A	*Toscom*
2SK1879	*60*	*0.03*	*45*	*TO-3P(N)*	L^2 - p -*MOSIV*	*Discontinue*	2SK2398	A	*Himeji*
2SK1882	*60*	*0.05*	*25*	*TO-220IS*	L^2 - p -*MOSIII*	*Non-Promotion*	2SK2232	A	*Himeji*
2SK1913	*600*	*1.8*	*4*	*TO-220IS*	p -*MOSIII.5*	*Non-Promotion*	2SK2545	A	*Himeji*
2SK1915	*600*	*1.25*	*6*	*TO-220FL/SM*	p -*MOSII*	*Non-Promotion*	2SK2777	A	*Toscom*
2SK1927	*100*	*0.18*	*15*	*TO-220FL/SM*	p -*MOSII*	*Non-Promotion*	2SK2789	A	*Toscom*
2SK1928	*100*	*0.085*	*27*	*TO-220FL/SM*	p -*MOSII*	*Non-Promotion*	2SK2789	A	*Toscom*
2SK1929	900	2.8	5	TO-220FL/SM	π-MOSII.5	M/P			Toscom
2SK1930	1000	3.8	4	TO-220FL/SM	π-MOSII.5	M/P			Toscom
2SK1997	*60*	*0.03*	*36*	*TO-220IS*	L^2 - p -*MOSIV*	*Discontinue*	2SK2385	A	*Himeji*
2SK1998	*60*	*0.03*	*45*	*TO-3P(N)*	L^2 - p -*MOSIV*	*Discontinue*	2SK2233	A	*Himeji*
2SK2013	180	5	1	TO-220IS	π-MOSII	M/P			Himeji
2SK2030	*60*	*0.14*	*5*	*POWER MOLD*	*L2*- p -*MOSIV*	*Non-Promotion*	2SK2231	A	*Himeji*
2SK2038	*800*	*2.2*	*5*	*TO-3P(N)*	p -*MOSII.5*	*Non-Promotion*	2SK2604	A	*Himeji/TST*
2SK2039	*900*	*2.5*	*5*	*TO-3P(N)*	p -*MOSII.5*	*Non-Promotion*	2SK2610	A	*Himeji/TST*
2SK2056	*800*	*2.4*	*4*	*TO-220IS*	p -*MOSII.5*	*Non-Promotion*	2SK2605	A	*Himeji/TST*
2SK2057	*500*	*0.34*	*20*	*TO-3P(N)*	p -*MOSIV*	*Non-Promotion*	2SK2837	A	*Himeji*

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Part Number	V_{DSS} (V)	$R_{DS(ON)}$ (W)	I_D (A)	Package	Generation	Status	Toshiba Replacement	Note	Factory
2SK2077	*800*	*1.7*	*7*	*TO-3P(N)*	p-*MOSII.5*	*Non-Promotion*	2SK2746	A	*Himeji*
2SK2078	*800*	*1.2*	*9*	*TO-3P(N)*	p-*MOSII.5*	*Non-Promotion*	2SK2607	A	*Himeji*
2SK2088	*200*	*0.4*	*10*	*TO-220FL/SM*	p-*MOSII*	*Non-Promotion*	2SK2401	A	*Toscom*
2SK2089	*800*	*2.2*	*5*	*TO-220FL/SM*	p-*MOSII.5*	*Non-Promotion*	2SK2884	A	*Toscom*
2SK2107	*200*	*0.18*	*18*	*TO-220FL/SM*	p-*MOSII*	*Non-Promotion*	2SK2401	A	*Toscom*
2SK2146	*250*	*2*	*2*	*TO-220IS*	p-*MOSIII.5*	*Non-Promotion*	2SK2381	A	*Himeji*
2SK2149	*500*	*0.8*	*10*	*TO-3P(N)*	p-*MOSIV*	*Non-Promotion*	2SK2601	A	*Himeji*
2SK2150	*500*	*0.4*	*15*	*TO-3P(N)*	p-*MOSIV*	*Non-Promotion*	2SK2698	A	*Himeji*
2SK2162	180	5	1	POWER MOLD	π-MOSII	M/P			Himeji
2SK2173	**60**	**0.017**	**50**	**TO-3P(N)**	**L^2-p-MOSV**	**OK**			**Himeji**
2SK2200	**100**	**0.35**	**3**	**TPS**	**L^2-p-MOSV**	**OK**			**Himeji**
2SK2201	**100**	**0.35**	**3**	**POWER MOLD**	**L^2-p-MOSV**	**OK**			**Himeji**
2SK2222	800	2.2	5	TO-3P(N)IS	π-MOSII.5	M/P			Himeji
2SK2228	60	0.11	5	TPS	L^2-π-MOSIV	M/P			Himeji
2SK2229	**60**	**0.16**	**5**	**TPS**	**L^2-p-MOSV**	**OK**			**Himeji**
2SK2230	*250*	*2*	*2*	*TPS*	p-*MOSIII.5*	*Non-Promotion*	2SK2835	A	*Himeji*
2SK2231	**60**	**0.16**	**5**	**POWER MOLD**	**L^2-p-MOSV**	**OK**			**Himeji**
2SK2232	**60**	**0.046**	**25**	**TO-220IS**	**L^2-p-MOSV**	**OK**			**Himeji/TST**
2SK2233	**60**	**0.03**	**45**	**TO-3P(N)**	**L^2-p-MOSV**	**OK**			**Himeji**
2SK2235	*250*	*2*	*2*	*POWER MOLD*	p-*MOSIII.5*	*Non-Promotion*	2SK2920	A	*Himeji*
2SK2236	*500*	*1.6*	*5*	*TO-220IS*	p-*MOSIV*	*Non-Promotion*	2SK2662	A	*Himeji*
2SK2237	*500*	*0.8*	*7*	*TO-220IS*	p-*MOSIV*	*Non-Promotion*	2SK2543	A	*Himeji*
2SK2266	**60**	**0.03**	**45**	**TO-220FL/SM**	**L^2-p-MOSV**	**OK**			**Toscom**
2SK2267	**60**	**0.011**	**60**	**TO-3P(L)**	**L^2-p-MOSV**	**OK**			**Himeji**
2SK2274	700	1.7	5	TO-220IS	π-MOSII.5	M/P			Himeji
2SK2311	**60**	**0.046**	**25**	**TO-220FL/SM**	**L^2-p-MOSV**	**OK**			**Toscom**
2SK2312	**60**	**0.017**	**45**	**TO-220IS**	**L^2-p-MOSV**	**OK**			**Himeji**
2SK2313	**60**	**0.011**	**60**	**TO-3P(N)**	**L^2-p-MOSV**	**OK**			**Himeji**
2SK2314	**100**	**0.085**	**27**	**TO-220AB**	**L^2-p-MOSV**	**OK**			**Toscom**
2SK2319	800	1.7	7	TO-3P(N)IS	π-MOSII.5	M/P			Himeji
2SK2320	*800*	*1.2*	*8.5*	*TO-3P(N)IS*	p-*MOSII.5*	*Non-Promotion*	2SK2606	A	*Himeji*
2SK2350	**200**	**0.4**	**8.5**	**TO-220IS**	**p-MOSV**	**OK**			**Himeji/TST**
2SK2351	*600*	*1.25*	*6*	*TO-220AB*	p-*MOSIV*	*Non-Promotion*	2SK2544	A	*Toscom*
2SK2352	*600*	*1.25*	*6*	*TO-220IS*	p-*MOSIV*	*Non-Promotion*	2SK2545	A	*Himeji*
2SK2376	**60**	**0.017**	**45**	**TO-220FL/SM**	**L^2-p-MOSV**	**OK**			**Toscom**
2SK2381	**200**	**0.8**	**5**	**TO-220IS**	**p-MOSV**	**OK**			**Himeji**
2SK2382	**200**	**0.18**	**15**	**TO-220IS**	**p-MOSV**	**OK**			**Himeji**
2SK2385	**60**	**0.03**	**36**	**TO-220IS**	**L^2-p-MOSV**	**OK**			**Himeji**
2SK2386	*500*	*1.6*	*5*	*TO-220AB*	p-*MOSIV*	*Non-Promotion*	2SK2661	A	*Toscom*
2SK2387	*500*	*0.8*	*8*	*TO-220AB*	p-*MOSIV*	*Non-Promotion*	2SK2542	A	*Toscom*
2SK2388	*600*	*2.2*	*3.5*	*TO-220IS*	p-*MOSIV*	*Non-Promotion*	2SK2750	A	*Himeji*
2SK2389	700	1.7	5	TO-220AB	π-MOSII.5	M/P			Toscom
2SK2391	**100**	**0.085**	**20**	**TO-220IS**	**L^2-p-MOSV**	**OK**			**Himeji**
2SK2398	**60**	**0.03**	**45**	**TO-3P(N)**	**p-MOSV**	**OK**			**Himeji**
2SK2399	**100**	**0.23**	**5**	**POWER MOLD**	**L^2-p-MOSV**	**OK**			**Himeji**
2SK2400	**100**	**0.23**	**5**	**TPS**	**L^2-p-MOSV**	**OK**			**Himeji**
2SK2401	**200**	**0.18**	**15**	**TO-220FL/SM**	**p-MOSV**	**OK**			**Toscom**
2SK2402	*600*	*2.2*	*3.5*	*TO-220AB*	p-*MOSIV*	*Non-Promotion*	2SK2750	B	*Toscom*
2SK2417	**250**	**0.5**	**7.5**	**TO-220IS**	**p-MOSV**	**OK**			**Himeji**

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Part Number	V_{DSS} (V)	$R_{DS(ON)}$ (W)	I_D (A)	Package	Generation	Status	Toshiba Replacement	Note	Factory
2SK2445	60	0.018	50	TO-3P(N)	p-MOSV	OK			Himeji
2SK2466	100	0.046	30	TO-220IS	U-MOS	OK			Himeji
2SK2467	180	0.83	8	TO-3P(N)IS	π-MOSII	M/P			Himeji
2SK2493	16	0.1	5	POWER MOLD	L^2-p-MOSV	OK			Himeji
2SK2507	50	0.046	25	TO-220IS	L^2-p-MOSV	OK			Himeji
2SK2508	250	0.25	13	TO-220IS	p-MOSV	OK			Himeji
2SK2542	500	0.85	8	TO-220AB	p-MOSV	OK			Toscom
2SK2543	500	0.85	8	TO-220IS	p-MOSV	OK			Himeji/TST
2SK2544	600	1.25	6	TO-220AB	p-MOSV	OK			Toscom
2SK2545	600	1.25	6	TO-220IS	p-MOSV	OK			Himeji/TST
2SK2549	16	0.29	2	POWER-MINI	L^2-p-MOSV	OK			Kaga
2SK2550	50	0.03	45	TO-3P(N)	p-MOSV	OK			Himeji
2SK2551	50	0.011	50	TO-3P(N)	p-MOSV	OK			Himeji
2SK2598	250	0.25	13	TO-220FL/SM	p-MOSV	OK			Toscom
2SK2599	500	3	2	TPS	p-MOSV	OK			Himeji
2SK2600	500	0.85	8	TO-3P(N)IS	p-MOSV	2Q/99			Himeji
2SK2601	500	1	10	TO-3P(N)	p-MOSV	OK			Himeji
2SK2602	600	1.25	6	TO-3P(N)	p-MOSV	OK			Himeji/TST
2SK2603	800	3.6	3	TO-220AB	p-MOSIII	OK			Toscom
2SK2604	800	2.2	5	TO-3P(N)	p-MOSIII	OK			Himeji/TST
2SK2605	800	2.2	5	TO-220IS	p-MOSIII	OK			Himeji/TST
2SK2606	800	1.2	8	TO-3P(N)IS	p-MOSIII	OK			Himeji
2SK2607	800	1.2	9	TO-3P(N)	p-MOSIII	OK			Himeji/TST
2SK2608	900	4.3	3	TO-220AB	p-MOSIII	OK			Toscom
2SK2610	900	2.5	5	TO-3P(N)	p-MOSIII	OK			Himeji/TST
2SK2611	900	1.4	9	TO-3P(N)	p-MOSIII	OK			Himeji/TST
2SK2613	1000	1.7	8	TO-3P(N)	p-MOSIII	1Q/99			Himeji
2SK2614	50	0.046	20	DP	L^2-p-MOSV	OK			Himeji
2SK2615	60	0.37	2	POWER-MINI	L^2-p-MOSV	OK			Kaga
2SK2661	500	1.5	5	TO-220AB	p-MOSV	OK			Toscom
2SK2662	500	1.5	5	TO-220IS	p-MOSV	OK			Himeji/TST
2SK2679	400	1.2	5.5	TO-220IS	p-MOSV	OK			Himeji/TST
2SK2698	500	0.4	15	TO-3P(N)	p-MOSV	OK			Himeji/TST
2SK2699	600	0.65	12	TO-3P(N)	p-MOSV	OK			Himeji/TST
2SK2700	900	4.3	3	TO-220IS	p-MOSIII	OK			Himeji/TST
2SK2717	900	2.5	5	TO-220IS	p-MOSIII	OK			Himeji
2SK2718	900	6.4	2.5	TO-220IS	p-MOSIII	OK			Himeji/TST
2SK2719	900	4.3	3	TO-3P(N)	p-MOSIII	OK			Himeji
2SK2733	900	9	1	TO-220AB	p-MOSIII	OK			Toscom
2SK2741	60	0.16	5	SP	L^2-p-MOSV	OK			Himeji
2SK2742	100	0.35	3	SP	L2-p-MOSV	OK			Himeji
2SK2744	50	0.02	45	TO-3P(N)	p-MOSV	OK			Himeji
2SK2745	50	0.0095	50	TO-3P(N)	L^2-p-MOSV	OK			Himeji
2SK2746	800	1.7	7	TO-3P(N)	p-MOSIII	OK			Himeji
2SK2749	900	2	7	TO-3P(N)	p-MOSIII	OK			Himeji
2SK2750	600	2.2	3.5	TO-220IS	p-MOSV	OK			Himeji/TST
2SK2776	500	0.85	8	TO-220FL/SM	p-MOSV	OK			Toscom
2SK2777	600	1.25	6	TO-220FL/SM	p-MOSV	OK			Toscom
2SK2782	60	0.055	20	DP	L2-p-MOSV	OK			Himeji

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Part Number	V_{DSS} (V)	$R_{DS(ON)}$ (Ω)	I_D (A)	Package	Generation	Status	Toshiba Replacement	Note	Factory
2SK2789	100	0.085	27	TO-220FL/SM	L^2-p-MOSV	OK			Toscom
2SK2835	200	0.8	5	TPS	p-MOSV	OK			Himeji
2SK2836	600	9	1	SP	p-MOSV	OK			Himeji
2SK2837	500	0.27	20	TO-3P(N)	p-MOSV	OK			Himeji
2SK2838	400	1.2	5.5	TO-220FL/SM	p-MOSV	OK			Toscom
2SK2839	30	0.04	10	SP	L^2-p-MOSV	OK			Himeji
2SK2840	250	1	4.5	TO-220IS	p-MOSV	OK			Himeji
2SK2841	400	0.55	10	TO-220AB	p-MOSV	OK			Toscom
2SK2842	500	0.52	12	TO-220IS	p-MOSV	OK			Himeji
2SK2843	600	0.75	10	TO-220IS	p-MOSV	OK			Himeji
2SK2844	30	0.02	35	TO-220AB	L^2-p-MOSV	OK			Toscom
2SK2845	900	9	1	DP	p-MOSIII	OK			Himeji
2SK2846	600	5	2	TPS	p-MOSV	OK			Himeji
2SK2847	900	1.4	8	TO-3P(N)IS	p-MOSIII	OK			Himeji
2SK2862	500	3	2	TO-220IS	p-MOSV	OK			Himeji
2SK2865	600	5	2	POWER MOLD	p-MOSV	OK			Himeji
2SK2866	600	0.75	10	TO-220AB	p-MOSV	OK			Toscom
2SK2882	150	0.12	18	TO-220IS	p-MOSV	OK			Himeji
2SK2883	800	3.6	3	TO-220FL/SM	p-MOSIII	OK			Toscom
2SK2884	800	2.2	5	TO-220FL/SM	p-MOSIII	OK			Toscom
2SK2886	50	0.02	45	TO-220IS	L^2-p-MOSV	OK			Himeji
2SK2889	600	0.75	10	TO-220FL/SM	p-MOSV	OK			Toscom
2SK2914	250	0.5	8.5	TO-220AB	p-MOSV	OK			Toscom
2SK2915	600	0.4	16	TO-3P(N)	p-MOSV	OK			Himeji
2SK2916	500	0.4	14	TO-3P(N)IS	p-MOSV	OK			Himeji
2SK2917	500	0.27	18	TO-3P(N)IS	p-MOSV	OK			Himeji
2SK2920	200	0.8	5	POWER MOLD	p-MOSV	OK			Himeji
2SK2949	400	0.55	10	TO-220FL/SM	p-MOSV	OK			Toscom
2SK2952	400	0.55	8.5	TO-220IS	p-MOSV	OK			Himeji
2SK2953	600	0.4	15	TO-3P(N)IS	p-MOSV	OK			Himeji
2SK2961	60	0.27	2	TO-92MOD	L^2-p-MOSV	OK			Kaga
2SK2962	100	0.7	1	TO-92MOD	L^2-p-MOSV	OK			Kaga
2SK2963	100	0.7	1	POWER-MINI	L^2-p-MOSV	OK			Kaga
2SK2964	30	0.17	2	POWER-MINI	L^2-p-MOSV	OK			Kaga
2SK2965	200	0.26	11	TO-220IS	p-MOSV	2Q/99			Himeji
2SK2966	250	0.32	10	TO-220IS	p-MOSV	2Q/99			Himeji
2SK2967	250	0.07	30	TO-3P(N)	p-MOSV	OK			Himeji
2SK2968	900	1.25	10	TO-3P(N)	p-MOSIII	OK			Himeji
2SK2985	60	0.0058	45	TO-220IS	U-MOS	OK			Himeji
2SK2986	60	0.0058	45	TO-220FL/SM	U-MOS	2Q/99			Toscom
2SK2987	60	0.0058	70	TO-3P(N)	U-MOS	OK			Himeji
2SK2989	50	0.15	5	LSTM	L2-p-MOSVI	OK			Kaga
2SK2991	500	1.5	5	TO-220FL/SM	p-MOSV	OK			Toscom
2SK2992	200	3.5	1	POWER-MINI	p-MOSV	OK			Kaga
2SK2993	250	0.11	20	TO-220FL/SM	p-MOSV	OK			Toscom
2SK2995	250	0.07	30	TO-3P(N)IS	p-MOSV	OK			Himeji
2SK2996	600	1	10	TO-220IS	p-MOSV	OK			Himeji
2SK2997	800	8	1.5	DP	p-MOSIII	2Q/99			Himeji
2SK2998	500	18	0.5	TO-92MOD	p-MOSV	OK			Kaga

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Part Number	V_{DSS} (V)	$R_{DS(ON)}$ (W)	I_D (A)	Package	Generation	Status	Toshiba Replacement	Note	Factory
2SK3017	900	1.25	8	TO-3P(N)IS	p-MOSIII	OK			Himeji
2SK3051	50	0.03	45	TO-220FL/SM	p-MOSV	OK			Toscom
2SK3067	600	5	2	TO-220IS	p-MOSV	OK			Himeji
2SK3068	500	0.52	12	TO-220FL/SM	p-MOSV	OK			Toscom
2SK3085	600	2.2	3.5	TO-220AB	p-MOSV	OK			Himeji
2SK3088	900	4.3	3	TO-220FL/SM	p-MOSIII	2Q/99			Toscom
2SK3089	30	0.03	40	TO-220FL/SM	p-MOSVI	OK			Toscom
2SK3090	30	0.02	45	TO-220FL/SM	p-MOSVI	OK			Toscom
2SK3117	500	0.27	20	TO-3P(SM)	p-MOSV	OK			Himeji
2SK3125	30	0.007	60	TO-3P(SM)	p-MOSVI	2Q/99			Himeji
2SK3126	450	0.65	10	TO-220NIS	p-MOSV	OK			Himeji
2SK3127	30	0.011	45	TO-220FL/SM	p-MOSVI	OK			Toscom
2SK3128	30	0.011	60	TO-3P(N)	p-MOSVI	OK			Himeji
2SK3129	50	0.007	60	TO-3P(N)	L^2-p-MOSVI	2Q/99			Himeji
2SK3130	500	1.5	6	TO-220IS	p-MOSV	2Q/99			Himeji
2SK3131	500	0.14	50	TO-3P(L)	p-MOSV	1Q/99			Himeji
2SK3132	500	0.11	50	TO-3P(L)	p-MOSV	1Q/99			Himeji
2SK3144	650	0.85	10	TO-220IS	p-MOSV	2Q/99			Himeji
2SK3176	200	0.052	30	TO-3P(N)	p-MOSV	OK			Himeji
2SK3195	250	0.13	20	TO-220FL/SM	p-MOSV	2Q/99			Toscom
2SK3201	200	0.56	5	TO-220FL/SM	p-MOSV	2Q/99			Toscom
2SK3205	150	0.52	5	PW-MOLD	p-MOSV	1Q/99			Himeji
2SK3265	700	1	10	TO-220IS	p-MOSV	2Q/99			Himeji
TPC8001	30	0.02	8	SOP-8(Single)	L^2-p-MOSVI	OK			Himeji
TPC8002	30	0.014	11	SOP-8(Single)	L^2-p-MOSVI	OK			Himeji
TPC8003	30	0.007	13	SOP-8(Single)	U-MOS	OK			Himeji
TPC8004	30	0.05	5	SOP-8(Single)	L^2-p-MOSVI	OK			Himeji
TPC8005-H	30	0.017	11	SOP-8(Single)	U-MOS	OK			Himeji
TPC8102	-30	0.04	-6	SOP-8(Single)	L^2-p-MOSVI	OK			Himeji
TPC8103	-30	0.013	-11	SOP-8(Single)	U-MOS	OK			Himeji
TPC8201	30	0.05	5	SOP-8(Dual)	L^2-p-MOSVI	OK			Himeji
TPC8202	20	0.05	5	SOP-8(Dual)	L^2-p-MOSVI	OK			Himeji
TPC8203	30	0.021	6	SOP-8(Dual)	U-MOS	OK			Himeji
TPC8301	-30	0.115	-3.5	SOP-8(Dual)	L^2-p-MOSVI	OK			Himeji
TPC8302	-20	0.12	-3.5	SOP-8(Dual)	L^2-p-MOSVI	OK			Himeji
TPCS8201	20	0.03	3	TSSOP-8(Dual)	U-MOS	OK			Himeji
YTA630	200	0.4	10	TO-220AB	p-MOSV	OK			Toscom
YTA640	200	0.18	15	TO-220AB	p-MOSV	OK			Toscom
YTA830	500	1.5	5	TO-220AB	p-MOSV	OK			Toscom
YTA840	500	0.85	8	TO-220AB	p-MOSV	OK			Toscom
YTAF620	200	0.8	5	TO-220IS	p-MOSV	OK			Himeji
YTAF630	200	0.4	10	TO-220IS	p-MOSV	OK			Himeji/TST
YTAF640	200	0.18	15	TO-220IS	p-MOSV	OK			Himeji/TST